

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows.

1. (Currently Amended) A printing method with a printer connected to a host device, comprising:

receiving first print setting information sent from said host device, wherein said first print setting information comprises print specification information;
requesting print object data ~~to~~ from said host device pursuant to said first print setting information;
receiving print object data sent from said host device in reply to said request; and
printing said print object data based on said first print setting information.

2. (Original) A printing method according to claim 1, further comprising:

receiving inquiry information regarding the print setting sent from said host device;
sending reply information to said host device based on the characteristic information of said printer in reply to said received inquiry information;
and
receiving first print setting information sent from said host device in response to said reply information.

3. (Currently Amended) A printing method according to claim 1, further comprising:

preparing second print setting information based on the printer characteristic information ~~of the first print setting information~~ sent from said host device; and
printing the print object data sent from said host device based on said first print setting information and/or second print setting information.

4. (Original) A printing method according to claim 1, further comprising:

when said first print setting information designates printing based on a plurality of print object data, respectively requesting said plurality of print object data.

5. (Original) A printing method according to claim 4, further comprising:
 - specifying print object data in a prescribed order based on said first print setting information; and
 - requesting said specified print object data.
6. (Currently Amended) A printing method according to claim 1, further comprising:
 - dividing a prescribed print area of a print recording medium into prescribed partial areas when said received first print setting information is designating automatic arrangement of print object data; and
 - requesting print object data to be arranged within said divided prescribed partial areas to from said host device based on said first print setting information.
7. (Original) A printing method according to claim 6, further comprising:
 - dividing said prescribed print area into said prescribed partial areas made from said prescribed number of divisions in accordance with the value relating to a prescribed number of divisions designated by said first print setting information.
8. (Original) A printing method according to claim 6, further comprising:
 - determining the arrangement area of the print object data to be arranged within said prescribed partial areas in accordance with the margin value designated by said first print setting information.
9. (Original) A printing method according to claim 6, further comprising:
 - generating a prescribed band area worth of bit map data based on said print object data sent from said host device.
10. (Original) A printing method according to claim 6, further comprising:

respectively requesting a plurality of print object data to be arranged in said partial areas belonging to a prescribed band area in said prescribed print area.

11. (Currently Amended) A printing method according to claim 1, further comprising:
requesting specific print object data to from said host device based on issued management information, wherein management information comprises print object data specifying information.
12. (Previously Presented) A printing method according to claim 11, further comprising:
receiving an issuance request of management information sent from said host device; and
issuing said management information in accordance with the print setting information in response to said received issuance request.
13. (Original) A printing method according to claim 12, further comprising:
issuing new management information when the processing related to the printing of print object data sent from said host device is completed.
14. (Original) A printing method according to claim 11, further comprising:
releasing the management information of said completed print object data when the processing relating to the printing of said print object data is completed; and
sending said released management information to said host device.
15. (Cancelled)
16. (Cancelled)
17. (Cancelled)
18. (Currently Amended) A printer connected to a host device, comprising:

processing means for interpreting command data sent from said host device and performing prescribed processing in accordance with said interpretation result;

storage means for storing bit map data; and

printing means for executing printing to a print recording medium based on bit map data stored in said storage means;

wherein said processing means includes:

request means for requesting to from said host device print object data designated by first print setting information based on command data relating to the print setting, wherein said first print setting information comprises print specification information; and

generation means for generating bit map data based on print object data obtained from command data relating to data transmission based on said first print setting information, and storing said bit map data in said storage means.

19. (Original) A printer according to claim 18, wherein said processing means sends to said host device reply information based on its characteristic information in response to command data relating to a print setting inquiry; and receives command data relating to the print setting sent from said host device in response to said reply information.

20. (Original) A printer according to claim 18, wherein said processing means prepares second print setting information based on its characteristic information of said first print setting information; and generates bit map data of said print object based on said first print setting information and/or said second print setting information.

21. (Original) A printer according to claim 18, wherein when said first print setting information designates printing based on a plurality of print object data, said processing means respectively requests said plurality of print object data.

22. (Original) A printer according to claim 21, wherein said processing means specifies print object data in a prescribed order based on said first print setting information and requests said specified print object data.

23. (Currently Amended) A printer according to claim 18, wherein said processing means divides a prescribed print area of a print recording medium into prescribed partial areas when said received first print setting information is designating automatic arrangement of print object data; and requests print object data to be arranged within said divided prescribed partial areas ~~to~~ from said host device based on said first print setting information.

24. (Original) A printer according to claim 23, wherein said processing means divides said prescribed print area into said prescribed partial areas made from said prescribed number of divisions in accordance with the value relating to a prescribed number of divisions designated by said first print setting information.

25. (Original) A printer according to claim 23, wherein said processing means determines the arrangement area of the print object data to be arranged within said prescribed partial areas in accordance with the margin value designated by said first print setting information.

26. (Original) A printer according to claim 23, wherein said processing means generates a prescribed band area worth of bit map data based on said print object data sent from said host device.

27. (Original) A printer according to claim 23, wherein said processing means respectively requests a plurality of print object data to be arranged in said partial areas belonging to a prescribed band area in said prescribed print area.

28. (Currently Amended) A printer according to claim 18, wherein said processing means requests specific print object data ~~to~~ from said host device based on issued management information.

29. (Previously Presented) A printer according to claim 28, wherein said processing means issues said management information in accordance with the print setting information in response to a command request relating to the issuance request of

management information.

30. (Original) A printer according to claim 28, wherein said processing means issues new management information when the processing related to the printing of print object data is completed.

31. (Original) A printer according to claim 28, wherein said processing means releases the management information of said completed print object data when the processing relating to the printing of said print object data is completed; and sends said released management information to said host device.

32. (Currently Amended) A printer according to claim 18, wherein said processing means requests said print object data ~~to~~ from said host device upon receiving information relating to the termination of the print setting.

33. (Original) A printer according to claim 18, wherein said processing means suspends printing upon receiving print suspension information from said host device while printing said print object data.

34. (Original) A printer according to claim 33, wherein said processing means sends information relating to the termination of print processing to said host device upon controlling the suspension of said printing.

35. (Currently Amended) A printer connected to a host device, comprising:
first storage means storing ~~its~~ the printer characteristic information;
second storage means for storing print setting information;
reception means for receiving first print setting information sent from said host device, wherein the first print setting information comprises print specification information; and
setting means for converting the first print setting information received by said reception means into second print setting information based on the characteristic information stored in said first storage means;

wherein said printer prints the print object data sent from said host device based on the second print setting information stored in said second storage means.

36. (Currently Amended) A computer readable medium storing a program for controlling a printer connected a host device, comprising:

a processing function for interpreting command data sent from said host device and performing prescribed processing in accordance with results of the interpreting,

wherein said processing function comprises:

a request function for requesting to from said host device print object data designated by print setting information based on command data relating to a print setting, wherein print setting information comprises print specification information; and

a generation function for generating print object data obtainable based on command data relating to data transmission and bit map data based on said print object data and said print setting information, and storing these data bit map data in a prescribed memory.

37. (Currently Amended) A printing method of object data in a host device with a printer, wherein said host device sends first print setting information to a printer, and said print object data is sent to said printer in accordance with print object data request sent from said printer based on said first print setting information, and wherein said first print setting information comprises print specification information.

38. (Currently Amended) A printing method according to claim 37, comprising:

obtaining characteristic information of a printer necessary for printing with a specific printer from said specific printer;

preparing first print setting information by the host device based on said obtained characteristic information; and

sending said prepared print setting information to said specific printer.

39. (Currently Amended) A computer readable medium storing a program for making a printer print print object data in a host device, comprising a processing function for outputting prescribed command data to said printer and receiving prescribed command data from said printer, interpreting said received prescribed command data, and performing prescribed processing in accordance with results of the interpreting,

wherein said processing function comprises:

a setting request function for outputting command data relating to a print setting;
and

data output means for reading said print object data from a prescribed storage device based on command data relating to a data request sent from said printer in response to the command data output from the setting request function, and outputting command data relating to data transmission based on said print object data.

40. (Currently Amended) A communication method for printing between a host device and printer,

wherein said host device sends first print setting information to said printer;
said printer receives first print setting information sent from said host device and requests to said host device the print object designated with said first print setting information, wherein said first print setting information comprises print specification information;

said host device sends said print object data to said printer in accordance with said request sent from said printer; and

said printer receives print object data sent from said host device, and conducts printing based on said print setting information and said print object data.